agent, that the body placed in the centre of the system should have been the only one qualified to give to all the rest the light and heat without which their organisms would have perished. It is conceivable that all the present bodies might exist in the solar system, and obey the law of gravitation, and yet only confusion be the result The planets might have been so placed as to be ever clashing with and disturbing each other in their spheres; and the law of gravitation, from its very potency, would be the means of propagating a wider disorder. The conditions needful for the proper working and stability of the planetary system are—first, that almost all the planets move round the sun, in nearly the planes of the sun's equator; secondly, that they all revolve round the sun in the same direction, which is that of the sun's rotation on his axis ; thirdly, that they rotate on their axes also in that direction; and, fourthly, that the satellites move round the primaries in the same direction. In all these adjustments we are conBtrained to observe a prescient Intelligence. We see that such language as that of Poutdcoulant is as philosophically Incorrect an it Is impious and profane, when he talks of "tho great law of universal gravitation as probably the only efficient principle of the creation of the physical world as it in of its preservation."* Bo far from the law of gravitation being a principle of creation, it needs an adjustment made to it as the condition of its beneficial action.

FOURTHLY, THEUB is THE ADJUSTMENT OF BODIES TO EACH OTHER IN UKSI'KCT OF TIME.

Such adaptations are very numerous in the animal economy, where organs appear at the very time at which they are weeded. The teeth, which would b0 useless to the infant, and worse than useless to the infant's mother, appear as soon as they can be of advantage. This illustration suggests another, supplied by that beautiful provision of nature according to which

the mother's milk flows at the very period when the wants of her new-born infant require it. " It has been adduced as a striking illustra-

* Quoted in Nichol'a Thoughts, p. 85. Wo may add, that even on the supposition that the planetary Hystew haa boon formed by the cooling of a rotating *umm* of tudcrcal matter, according to the hypothesis of Laplace, we are conHtrnmed to discover athiptationg in the original compo.sition and properticB of the sidereal mnttcr, m its rotation, in the lawn of the cooling process, aflU in the planets, (at leant the earth,) bdug cunt off m a state fitting them to wipport **animated**